

U.S. Serial No. 10/829,317

Responsive to non-final Office Action mailed August 10, 2006

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

1. (Currently Amended) An organic light-emitting diode structure comprising:

first and second anodes;

first and second organic light-emitting layers disposed between the first and second anodes; and

a ~~first~~ common electrode disposed between the first and second organic light-emitting layers,

wherein the first organic light-emitting layer is for substantially emitting light in a first direction and the second organic light-emitting layer is for substantially emitting light in a second direction opposite to the first direction.

2. (Currently Amended) The organic light-emitting diode structure according to claim 1, wherein light is emitted from at least one of the first and second organic light-emitting layers when an electric current is passed between one of the first and the second anodes and the ~~first~~ common electrode.

3-4. (Canceled)

5. (Currently Amended) A display comprising:

organic light-emitting diode structures forming an array, each of the organic light-emitting diode structures comprising:

first and second anodes;

U.S. Serial No. 10/829,317

Responsive to non-final Office Action mailed August 10, 2006

first and second anodes;

first and second organic light-emitting layers disposed between the first and the second anodes; and

a first common electrode disposed between the first and the second organic light-emitting layers,

wherein the first organic light-emitting layer is for substantially emitting light in a first direction and the second organic light-emitting layer is for substantially emitting light in a second direction opposite to the first direction.

6. (Previously Presented) The display according to claim 5, further comprising:

a first transistor coupled to each of the organic light-emitting diode structures; and

a second transistor coupled to each of the organic light-emitting diode structures.

7. (Original) The display according to claim 6, wherein the first transistor is coupled to one of the first and the second anodes of the organic light-emitting diode structures while the second transistor is coupled to the other one of the first and the second anodes of the organic light-emitting diode structures.

8. (Original) The display according to claim 6, further comprising a third transistor coupled to the first and the second transistors.

9. (Original) The display according to claim 6, wherein the first and the second transistors drive the organic light-emitting diode structures.

U.S. Serial No. 10/829,317

Responsive to non-final Office Action mailed August 10, 2006

10. (Original) The display according to claim 8, wherein the third transistor switches the first and second transistors.

11. (Original) The display according to claim 5, wherein light is emitted from at least one of the first and the second organic light-emitting layers when an electric current passes between one of the first and the second anodes and the first electrode.

12-13. (Canceled)

14. (Currently Amended) A telecommunication device comprising:

a main body;

a flip-up door connected to the main body; and

a display beneath the flip-up door, the display comprising:

organic light-emitting diode structures forming an array, each of the organic light-emitting diode structures comprising:

first and second anodes;

first and second organic light-emitting layers disposed between the first and the second anodes; and

a first common electrode disposed between the first and second organic light-emitting layers,

wherein the first organic light-emitting layer is for substantially emitting light in a first direction and the second organic light-emitting layer is for substantially emitting light in a second direction opposite to the first direction.

U.S. Serial No. 10/829,317

Responsive to non-final Office Action mailed August 10, 2006

15-16. (Canceled)

17. (Previously Amended) The telecommunication device according to claim 14, further comprising:

a first transistor coupled to each of the organic light-emitting diode structures; and

a second transistor coupled to each of the organic light-emitting diode structures.

18. (Original) The telecommunication device according to claim 17, further comprising a third transistor coupled to the first and the second transistors.